

Please type a plus sign (+) inside this box → ☐

PTO/SB/01 (12-87)  
Approved for use through 9/30/00. OMB 0651-0032  
Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

**DECLARATION FOR UTILITY OR  
DESIGN  
PATENT APPLICATION  
(37 CFR 1.63)**

☒ Declaration Submitted with Initial Filing OR ☐ Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16 (e)) required)

Attorney Docket Number	NAK1-BE32
First Named Inventor	Shuichi Takayama
COMPLETE IF KNOWN	
Application Number	/
Filing Date	
Group Art Unit	
Examiner Name	

As a below named inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

PROCESSOR USING LESS HARDWARE AND INSTRUCTION  
CONVERSION APPARATUS REDUCING THE NUMBER OF TYPES OF

the specification of which

(Title of the Invention)

INSTRUCTIONS

☒ is attached hereto

OR

☐ was filed on (MM/DD/YYYY)

as United States Application Number or PCT International

Application Number and was amended on (MM/DD/YYYY) (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?	
				YES	NO
9-234354	Japan	29/August/1997	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10-95645	Japan	8/April/1998	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.

Application Number(s)	Filing Date (MM/DD/YYYY)	<input type="checkbox"/> Additional provisional application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

[Page 1 of 2]

Burden Hour Statement: This form is estimated to take 0.4 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Please type a plus sign (+) inside this box → ☐ +

PTO/SB/01 (12-97)  
Approved for use through 8/30/00. OMB 0551-0032  
Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE  
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

## DECLARATION — Utility or Design Patent Application

I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365(c) of any PCT International application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

U.S. Parent Application or PCT Parent Number	Parent Filing Date (MM/DD/YYYY)	Parent Patent Number (if applicable)

☐ Additional U.S. or PCT International application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

As a named inventor, I hereby appoint the following registered practitioner(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

☐ Customer Number  →  Place Customer Number Bar Code Label here  
OR  
☒ Registered practitioner(s) name/registration number listed below

Name	Registration Number	Name	Registration Number
Joseph W. Price	25,124	Doyle B. Johnson	39,240
Albin H. Gess	25,726	Michael J. Moffatt	39,304
Franklin D. Ubell	27,009	Bradley D. Blanche	38,387
		Sandra M. Parker	36,233

☐ Additional registered practitioner(s) named on supplemental Registered Practitioner Information sheet PTO/SB/02C attached hereto.

Direct all correspondence to: ☐ Customer Number  OR ☐ Correspondence address below

Name	Joseph W. Price, PRICE, GESS & UBELL		
Address	2100 S.E. Main St.		
Address	Suite 250		
City	Irvine,	State	CA
		ZIP	92614
Country	U.S.A.	Telephone	714/261-8433
		Fax	714/261-9072

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that wilful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such wilful false statements may jeopardize the validity of the application or any patent issued thereon.

Name of Sole or First Inventor: ☐ A petition has been filed for this unsigned inventor

Given Name (first and middle (if any))	Family Name or Surname
Shuichi	Takayama

Inventor's Signature	<i>Shuichi Takayama</i>		Date	Aug. 25, 1998	
Residence: City	Takarazuka	State	Hyogo	Country	Japan
				Citizenship	Japan
Post Office Address	1-22-6, Nakayamadai, Takarazuka-shi, Hyogo-ken				
	665-0876 Japan				
Post Office Address					
City	Takarazuka	State	Hyogo	ZIP	665-0876
				Country	Japan

☐ Additional inventors are being named on the supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto

Please type a plus sign (+) inside this box → ☐

PTO/SB/02A (3-97)  
Approved for use through 9/30/98. OMB 0651-0032  
Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE  
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

<b>DECLARATION</b>	<b>ADDITIONAL INVENTOR(S)</b> Supplemental Sheet Page ____ of ____
--------------------	--

Name of Additional Joint Inventor, if any:				<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle [if any])				Family Name or Surname			
Kensuke				Odani			
Inventor's Signature	<i>Kensuke Odani</i>					Date	Aug. 25, 1998
Residence: City	Kyoto	State	Kyoto	Country	Japan	Citizenship	Japan
Post Office Address	34, Shimotorida-cho, Murasakino, Kita-ku, Kyoto-shi, Kyoto-fu 603-8175 Japan						
Post Office Address							
City	Kyoto	State	Kyoto	ZIP	603-8175	Country	Japan
Name of Additional Joint Inventor, if any:				<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle [if any])				Family Name or Surname			
Akira				Tanaka			
Inventor's Signature	<i>Akira Tanaka</i>					Date	Aug. 25, 1998
Residence: City	Yawata	State	Kyoto	Country	Japan	Citizenship	Japan
Post Office Address	3-A61-202, Otokoyama-Karo, Yawata-shi, Kyoto-fu 614-8377 Japan						
Post Office Address							
City	Yawata	State	Kyoto	ZIP	614-8377	Country	Japan
Name of Additional Joint Inventor, if any:				<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle [if any])				Family Name or Surname			
Nobuo				Higaki			
Inventor's Signature	<i>Nobuo Higaki</i>					Date	Aug. 25, 1998
Residence: City	Osaka	State	Osaka	Country	Japan	Citizenship	Japan
Post Office Address	Shining Sato 2H, 4-15-26 Komatsu, Higashiyodogawa-ku, Osaka-shi, Osaka-fu 533-0004 Japan						
Post Office Address							
City	Osaka	State	Osaka	ZIP	533-0004	Country	Japan

Burden Hour Statement: This form is estimated to take 0.4 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Please type a plus sign (+) inside this box → +

PTO/SB/02A (3-87)

Approved for use through 9/30/98. OMB 0651-0032

Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

<b>DECLARATION</b>	<b>ADDITIONAL INVENTOR(S)</b> Supplemental Sheet Page ____ of ____
--------------------	--

Name of Additional Joint Inventor, if any:				<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle (if any))				Family Name or Surname			
Masato				Suzuki			
Inventor's Signature	<i>Masato Suzuki</i>					Date	Aug. 25, 1998
Residence: City	Toyonaka	State	Osaka	Country	Japan	Citizenship	Japan
Post Office Address	2-1-15-301, Kitamidorigaoka, Toyonaka-shi, Osaka-fu 560-0001 Japan						
Post Office Address							
City	Toyonaka	State	Osaka	ZIP	560-0001	Country	Japan
Name of Additional Joint Inventor, if any:				<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle (if any))				Family Name or Surname			
Tetsuya				Tanaka			
Inventor's Signature	<i>Tetsuya Tanaka</i>					Date	Aug. 25, 1998
Residence: City	Ibaraki	State	Osaka	Country	Japan	Citizenship	Japan
Post Office Address	2-12-17-305, Ushitora, Ibaraki-shi, Osaka-fu 567-0877 Japan						
Post Office Address							
City	Ibaraki	State	Osaka	ZIP	567-0877	Country	Japan
Name of Additional Joint Inventor, if any:				<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle (if any))				Family Name or Surname			
Taketo				Heishi			
Inventor's Signature	<i>Taketo Heishi</i>					Date	Aug. 25, 1998
Residence: City	Osaka	State	Osaka	Country	Japan	Citizenship	Japan
Post Office Address	1-5-1-701, Higashiawaji, Higashiyodogawa-ku, Osaka-shi, Osaka-fu 533-0023 Japan						
Post Office Address							
City	Osaka	State	Osaka	ZIP	533-0023	Country	Japan

Burden Hour Statement: This form is estimated to take 0.4 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Please type a plus sign (+) inside this box → +

PTO/SB/02A (3-97)

Approved for use through 9/30/98. OMB 0651-0032  
Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

<b>DECLARATION</b>	<b>ADDITIONAL INVENTOR(S)</b> Supplemental Sheet Page ____ of ____
--------------------	--

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])				Family Name or Surname			
Shinya				Miyaji			
Inventor's Signature	<i>Shinya Miyaji</i>					Date	Aug. 25, 1998
Residence: City	Hirakata	State	Osaka	Country	Japan	Citizenship	Japan
Post Office Address 46-2-205, Yamadaikehigashi-machi, Hirakata-shi, Osaka-fu 573-0165 Japan							
Post Office Address							
City	Hirakata	State	Osaka	ZIP	573-0165	Country	Japan
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])				Family Name or Surname			
Inventor's Signature						Date	
Residence: City		State		Country		Citizenship	
Post Office Address							
Post Office Address							
City		State		ZIP		Country	
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])				Family Name or Surname			
Inventor's Signature						Date	
Residence: City		State		Country		Citizenship	
Post Office Address							
Post Office Address							
City		State		ZIP		Country	

**Burden Hour Statement:** This form is estimated to take 0.4 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.**